

GRASSES NEW TO THE FLORA OF MARYLAND, DELAWARE AND VIRGINIA

Clyde F. Reed 1/

The following species of grasses are new to the floras of Maryland, Delaware or Virginia. Their presence in these states greatly extends their known distribution in eastern United States.

1. Eragrostis oxylepis (Torr.) Torr. Sandy wastes at Fort Monroe, Hampton, Elizabeth City County, Virginia. Nov. 15, 1959. C.F. Reed 45919 (US). Planted as a turf on sandy soil. This is a northern extension for this species. Hitchcock & Chase 2/ (p. 145): sandy soil, southern California to Colorado, Kansas, Arkansas, Tennessee, Alabama and Florida; in eastern Mexico south to Vera Cruz.
2. Festuca dertonensis (All.) Aschers. & Graebn. Edge of woods just east of Noxentown, New Castle County, Delaware. June 13, 1960. C.F. Reed 47196. New to eastern United States and an extension northeastward. Hitchcock & Chase 2/ (pp. 62-63, map): native of Europe; British Columbia to southern California, Arizona and Texas; rare as a waif in the eastern United States, only station in eastern Virginia shown on map.
3. Alopecurus aequalis Sobol. On pumice piles (from island off Italy), in Canton, Baltimore, Maryland. May 29, 1964. C.F. Reed 68198. Hitchcock & Chase 2/ (p. 359): Eurasia; Greenland to Alaska, south to New Jersey, Pennsylvania, Ohio, Indiana, Illinois, Missouri, Kansas, New Mexico, Arizona and California. In water and wet places. This record in Maryland is an extension south-eastward.

The following is an additional record for Bromus tectorum Linn. on the mineral piles at Canton. (See Reed, Phytologia, 10(5): 354. 1964).

4. Bromus tectorum Linn. On pumice piles (from island off Italy), in Canton, Baltimore, Maryland. May 29, 1964. C.F. Reed 68199.

I wish to thank Dr. Jason Swallen, United States National Herbarium, for identifying these specimens.

-----  
1/ Botanist, Crops Research Division, Agricultural Research Service, U. S. Department of Agriculture, Beltsville, Maryland.

2/ Manual of the Grasses of the United States, Musc. Publ. No. 200, U.S.D.A. 1950.